

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

TRADE IN GRAIN FUTURES

ISSUED MONTHLY BY GRAIN FUTURES ADMINISTRATION,
UNITED STATES DEPARTMENT OF AGRICULTURE,
WASHINGTON, D. C.

Vol. 2

No. 5

May, 1932.

- CONTENTS -

WHEAT:

	Table
Volume of trading.....	1-2
Open commitments.....	3-4
Prices.....	5-6

CORN:

Volume of trading.....	7-8
Open commitments.....	9-10
Prices.....	11-12

OATS:

Volume of trading.....	13
Open commitments.....	14
Prices.....	15

RYE, BARLEY, AND FLAX:

Volume of trading.....	16
Open commitments.....	17
Prices.....	18

ALL GRAINS:

Volume of trading at four principal markets (daily).....	19
Volume of trading at all contract markets (monthly).....	20

WHEAT AND CORN:

Maximum open commitments during life of each future.....	21
--	----

GRAIN FUTURES ADMINISTRATION
U. S. Department of Agriculture, Washington, D. C.
J. W. T. Duvel.....Chief
J. M. Mehl....Assistant chief

FIELD OFFICES

Chicago, Illinois: L. A. Fitz, In charge
Room 906- 332 S. LaSalle St.
Markets supervised: Chicago Board of Trade
Chicago Open Board of Trade
St. Louis Merchants' Exchange
Milwaukee Grain and Stock Exchange

Kansas City, Missouri: W. F. Logan, In charge
556 Board of Trade Bldg.
Markets supervised: Kansas City Board of Trade
Hutchinson Board of Trade Association

Minneapolis, Minnesota: J. R. Mathewson. In charge
1024 Flour Exchange Bldg.
Markets supervised: Minneapolis Chamber of
Commerce
Duluth Board of Trade

New York, New York: Geo. H. Baston, In charge
45 Broadway,
Market supervised: New York Produce Exchange

Omaha, Nebraska: D. B. Bagnell, Acting in charge
235 Omaha Grain Exchange,
Market supervised: Omaha Grain Exchange

Sacramento, California: L. M. Jeffers, In charge
Capitol Extension Office Bldg.
Markets supervised: Los Angeles Grain Exchange
Grain Trade Association
of the San Francisco Cham-
ber of Commerce

Seattle, Washington: L. E. Wolf, In charge
1840 Exchange Bldg.
Markets supervised: Seattle Grain Exchange
Portland Grain Exchange

Table 1. WHEAT: Daily volume of trading (sales),
Chicago Board of Trade, during May, 1932.

(In thousands of bushels, i.e., "000" omitted)

Date	F U T U R E				All Wheat Futures
	May	July(1)	Sept.(1)	Dec.	
May, 1932					
Sunday					
2	5,254 H	16,490	5,338	1,178	28,260
3	2,465	29,213 H	9,136	1,294	42,108
4	1,527	19,275	7,598	1,527	29,927
5	1,986	17,521	5,677	1,571	26,755
6	2,868	23,933	6,958	2,072	35,831
7	1,489	12,356	4,208	1,015	19,068
Sunday					
9	945	7,911	3,294	832	12,982
10	1,011	7,800 L	2,653 L	792	12,256 L
11	917	19,055	10,165	1,579	31,716
12	551	19,213	7,196	1,693	28,653
13	488	10,090	3,769	885	15,232
14	599	13,827	5,554	782 L	20,762
Sunday					
16	515	18,386	7,484	1,341	27,726
17	601	20,805	9,060	2,232	32,698
18	600	16,085	6,732	2,557	25,974
19	201 L	10,359	3,993	793	15,346
20	331	17,843	8,428	1,716	28,318
21	627	16,911	7,082	2,275	26,895
Sunday					
23	718	25,359	14,095 H	3,262 H	43,434 H
24	455	20,427	10,766	2,800	34,448
25	418	19,138	8,499	2,804	30,859
26	275	19,009	12,109	2,659	34,052
27	436	13,874	6,167	1,833	22,310
28	427	7,930	3,544	1,082	12,983
Sunday					
Holiday					
31	994	18,079	9,742	1,874	30,689
Total, May, 1932	26,698	420,889	179,247	42,448	669,282
Total, April, 1932	270,880	532,893	159,031	7,455	970,259
Total, May, 1931	53,304	269,948	165,820	44,920	534,567 (2)

H-highest; L-lowest.

(1) Since March 12, when a change was made in deliverable grades, trading is carried on in Old and New contracts in July and September Wheat. The volume shown for those futures is combined Old and New.

(2) Total includes odd futures.

Table 2. WHEAT: Daily volume of trading (sales),
all futures combined at four principal
markets, during May, 1932.

(In thousands of bushels, i. e., "000" omitted)

Date	Chicago Board of Trade	Minneapolis Chamber of Commerce	Kansas City Board of Trade	Duluth(1) Board of Trade	Total
May, 1932					
Sunday					
2	28,260	949	1,767	173	31,149
3	42,108	928	2,385	241	45,662
4	29,927	1,013	1,775	314 H	33,029
5	26,755	1,132	1,472	162	29,521
6	35,831	1,013	2,028	140	39,012
7	19,068	502	854	49	20,473
Sunday					
9	12,982	1,030	568 L	114	14,694 L
10	12,256	L 1,434 H	1,005	222	14,917
11	31,716	1,170	2,534	110	35,530
12	28,653	965	5,837 H	54	35,509
13	15,232	1,126	1,482	109	17,949
14	20,762	751	1,651	49 L	23,213
Sunday					
16	27,726	1,147	4,191	122	33,186
17	32,698	823	2,906	87	36,514
18	25,974	870	2,618	60	29,522
19	15,346	887	2,039	156	18,428
20	28,318	931	3,035	168	32,452
21	26,895	606	2,396	166	30,063
Sunday					
23	43,434 H	1,204	4,726	282	49,646 H
24	34,448	1,081	4,235	119	39,883
25	30,859	669	2,382	63	33,973
26	34,052	764	2,487	113	37,416
27	22,310	472	1,792	136	24,710
28	12,983	401 L	1,431	149	14,964
Sunday					
Holiday					
31	30,689	890	1,966	98	33,643
Total, May, 1932	669,282	22,758	59,562	3,456	755,058
Total, April, 1932	970,259	31,197	80,904	4,192	1,086,552
Total, May, 1931	534,567	18,028	24,019	8,660	585,274

H-highest; L-lowest.

(1) All Durum.

Table 3. WHEAT: Daily open commitments of Clearing Members,
Chicago Board of Trade, during May, 1932.

(In thousands of bushels, i.e., "000" omitted)

Date	F U T U R E				All Wheat Futures
	May	July(1)	Sept.(1)	Dec.	
May, 1932					
Sunday					
2	8,356 H	59,383	39,218 L	4,366 L	111,323
3	7,643	58,651	40,010	4,566	110,870
4	7,022	58,612	39,800	4,812	110,246
5	6,169	58,640	40,020	5,354	110,183
6	5,435	58,527	39,619	6,339	109,920
7	4,863	57,917	39,956	6,396	109,132 L
Sunday					
9	4,549	58,530	40,291	6,804	110,174
10	4,167	58,771	40,538	6,871	110,347
11	3,814	60,010	41,384	7,252	112,460
12	3,642	60,032 H	41,298	7,496	112,468
13	3,373	59,506	41,533	7,559	111,971
14	3,100	58,584	41,745	7,540	110,969
Sunday					
16	2,831	57,239	41,914	7,802	109,786
17	2,613	56,422	41,686	8,413	109,134
18	2,338	56,223	42,195	9,080	109,856
19	2,253	56,677	42,573	9,225	110,528
20	1,967	56,565	43,385	9,675	111,592
21	1,782	56,388	43,733	10,402	112,305
Sunday					
23	1,498	54,724	44,138	11,150	111,510
24	1,271	54,636	44,922	11,617	112,446
25	1,171	54,800	44,752	11,905	112,628
26	1,009	54,231	46,138	12,445	113,823 H
27	903	53,183	45,933	12,686	112,705
28	566	52,280	46,030	12,841	111,717
Sunday					
Holiday					
31	0 L	51,798 L	46,912 H	12,994 H	111,704
Average, May, 1932	3,293	56,893	42,381	8,624	111,191
Average, April, 1932	40,444	48,527	30,138	583	119,693
Average, May, 1931	28,073	33,688	22,739	8,715	94,052 (2)

H-highest; L-lowest.

(1) Since March 12, when a change was made in deliverable grades, trading is carried on in Old and New contracts in July and September wheat. The open commitments shown for those futures is combined Old and New.

(2) Average includes odd futures.

Table 4. WHEAT: Daily open commitments of Clearing Members,
all futures combined at four principal markets,
during May, 1932.

(In thousands of bushels, i. e., "000" omitted.)

Date	Chicago Board of Trade	Minneapolis Chamber of Commerce	Kansas City Board of Trade	Duluth(1) Board of Trade	Total
May, 1932					
Sunday					
2	111,323	9,379 H	28,636	1,192	150,530
3	110,870	9,197	28,805	1,224 H	150,096
4	110,246	9,247	28,675	1,159	149,327
5	110,183	9,113	28,754	1,155	149,205
6	109,920	9,087	28,686	1,078	148,771
7	109,132	L 8,940	28,374 L	1,067	147,515
Sunday					
9	110,174	9,298	28,433	1,058	148,963
10	110,347	8,753	28,643	969	148,712
11	112,460	8,454	28,614	933	150,461
12	112,468	8,316	28,747	931	150,462
13	111,971	8,071	28,697	915	149,654
14	110,969	8,004	28,567	920	148,460
Sunday					
16	109,786	7,618	28,975	911	147,290
17	109,134	7,555	29,143	910	146,742 L
18	109,836	7,512 L	29,272	925	147,545
19	110,528	7,796	29,469	916	148,709
20	111,592	7,775	29,761	892	150,020
21	112,305	7,786	29,948	905	150,944
Sunday					
23	111,510	7,821	30,739	913	150,983
24	112,446	7,596	30,840	887	151,769
25	112,628	7,579	30,977	902	152,086
26	113,823 H	7,732	30,759	906	153,220 H
27	112,705	7,704	31,152 H	908	152,469
28	111,717	7,787	31,020	867	151,391
Sunday					
Holiday					
31	111,704	7,703	30,709	852 L	150,968
Average, May, 1932	111,191	8,233	29,456	972	149,852
Average, April, 1932	119,693	10,098	30,684	1,446	161,921
Average, May, 1931	94,052	19,134	8,905	9,250	131,341

H-highest; L-lowest.

(1) All Durum.

Table 5. WHEAT: Daily high, low and closing prices of various futures, Chicago Board of Trade, during May, 1932.
(In cents per bushel)

Date	F U T U R E						J U L Y (old) (1)	
	M A Y			:				
	High	Low	Closing	High	Low	Closing		
May, 1932								
Sunday								
2	55 1/2=	54	54 1/2-1/2=	58	56 3/4	56 7/8-57		
3	55 3/4	53 1/4	53 1/2-3/8	57 3/4	55 3/8	55 1/2-3/8		
4	54	53	54	56 3/8	55	56 1/4-1/8		
5	53 7/8	52 1/4 L	53 5/8-3/4	56 3/8	54 5/8 L	56 1/4-1/8		
6	55 1/4	53	55 1/4-1/8	57 1/2	55 3/4	57 3/8-1/4		
7	55 3/8	54 1/4	54 1/2	57 1/2	56 3/8	56 7/8-3/4		
Sunday								
9	55 1/4	54 1/4	54 3/8-1/4	57 1/2	56 3/4	56 7/8-57		
10	55	54 3/8	54 3/4-5/8	57 3/8	56 7/8	57-57		
11	56 1/2	55 3/8	55 5/8-1/2	58 3/4	57 5/8	57 3/4-5/8		
12	55	53 3/4	54-54=	57 3/8	55 7/8	56 1/4-1/8		
13	54 5/8	53 5/8	54 1/4	56 5/8	55 7/8=	56 3/8-1/4		
14	53 3/4	53 1/8	53 1/2	55 7/8	55 1/8	55 3/8-3/8=		
Sunday								
16	54 7/8=	53 1/4	54 7/8=	57 1/8	55 1/4	57-57		
17	56 1/2	54 7/8	56 1/8	58 3/8	56 3/4	57 1/2-3/4		
18	56 5/8	55 3/8	55 1/2=	58 3/8	56 7/8	57-56 7/8		
19	55 7/8=	55 3/8	55 1/2 b	57 3/4	56 7/8=	57 1/8-1/4		
20	57 1/4	55 7/8	57 1/4	59	57 5/8	58 5/8-3/4		
21	58 1/2	56 7/8	58 3/8	59 3/4	58 1/4	59 3/4-5/8		
Sunday								
23	60 3/8 H	58 3/8	60	61 1/2 H	59 3/4	61 1/4-1/8		
24	59 3/8	58 1/8	58 1/2=	60 3/4	59 3/8	59 7/8-60		
25	59 1/4	57 7/8	59 1/4	60 3/4	59 1/4	60 5/8-3/4		
26	58 3/4	57 3/8	58 3/8	60 1/4	58 3/4	59 7/8-3/4		
27	58 5/8	57 5/8	57 5/8	60 1/2	59 3/8	59 1/2-3/8		
28	58	57 3/8	58-57 7/8	59 3/8	58 5/8	59 1/8-59		
Sunday								
Holiday								
31	57 1/4	55 7/8	56-56 1/4	58 1/4	57 1/8=	57 3/8-1/2		
Range, May, 1932		8 1/8			6 7/8			
Net change (Adv.			1 5/8				None	
Since 4/30/32 (Dec.								
Highest for future,	73				73 1/4			
Date,	Nov. 9, 1931				Nov. 7 & 9, 1931			
Lowest for future,	48 3/4				49			
Date	Oct. 5, 1931				Oct. 1 & 5, 1931			

H-highest; L-lowest; b-bid; =(equal sign)-split.

(1) Owing to change made March 12 in deliverable grades, trading is now carried on in Old and New contracts in July and September Wheat.

Table 6. WHEAT: Daily closing prices of the May future at Chicago, Minneapolis, Kansas City, Duluth, Winnipeg and Liverpool, and the July future at Buenos Aires, during May, 1932.

Date	Chicago	Minneapolis	Kansas City	Duluth ⁽¹⁾	Winnipeg ⁽²⁾	Liverpool ⁽²⁾	Buenos Aires
May, 1932							
Sunday							
2	54 1/2-1 1/2=	60 5/8= b	48 1/2= a	58 5/8 a	54 1/4	53 1/8=	56 1/2
3	53 1/2-3/8 L	59 1/2= b	47 1/2 a	55 1/4 b	53 1/8	L	56 1/2
4	54 3/4	59 3/4	48 1/4 a	55 1/8	54 1/4 b	57 1/8	
5	53 5/8-3/4	59 1/2 L	48 3/8 b	54 3/4 b	L	54 1/4	
6	55 1/4-1/8	60 3/4 b	49 3/8 a	56 7/8 b	55 1/8=	56	L
7	54 1/2	60 1/4 a	49 1/8= a	56 7/8	55	57	
Sunday							
9	54 3/8-1/4	60 1/8 a	49 3/8= b	57 1/8 a	Holiday	57 1/2	
10	54 3/4-5/8	60 3/8	49 1/8	57 a	55 1/4	58 1/8	
11	55 5/8-1/2	61 5/8 a	50= a	58 b	55 7/8=	59	
12	54-54=	60 1/4	48 1/2= b	57 a	54 5/8	57 7/8	
13	54 1/4	60 1/8 a	No quot.	57 a	55 1/8=	49 7/8	
14	53 1/2	59 5/8 b	47 7/8 b	56 1/2	54 7/8 b	53	
Sunday							
16	54 7/8=	60 7/8 a	49 1/2	57 3/4 a	55 1/2	Holiday	59 1/8
17	56 1/8	61 5/8 b	50 3/4 b	59 1/4 a	55 7/8	59	
18	55 1/2=	61 1/4 b	50 5/8 b	58 3/4 a	54 7/8=	59	
19	55 1/2 b	61 1/2	50 7/8=	59 3/4	54 7/8=	58 3/4	
20	57 1/4	62 3/4 b	No quot.	61 5/8 b	55 1/8= b	59 1/4	
21	58 3/8	63 7/8 b	53 1/4 b	62 b n	55=	59	
Sunday							
23	60 H	66 3/8 b	H	64 b	H	55 3/4=	50 1/4
24	58 1/2=	64 3/4 a	53 3/8 a	61 1/8 a	Holiday	59 1/4	
25	59 1/4	64 3/4 b	54 1/4 a	61 1/2 b	56 b	59 1/3	Holiday
26	58 3/8	63 3/4	53 5/8 a	60 5/8	55 3/4	59 1/4	Holiday
27	57 5/8	63 7/8 a	53 1/2 a	60 a	55 7/8= b	60 1/8	Holiday
28	58-57 7/8	63 1/4 a	52 5/8	59 1/4 a	56 1/8= H	61 H	Holiday
Sunday							
31	56-56 1/4	61 3/4	50 7/8 b	57 5/8 a	Hol. in U.S. Hol. in U.S.	50 1/4	
Range, May, 1932	6 5/8	6 7/8	7 3/4	9 1/4	54 7/8	50	
Net change (Adv 1/30/32)	5/8	1 7/8	1 1/4	1 3/8	3	5	
Since 4/30/32 (Dec)					5 5/8	7/8	
Average Spread (Over Chicago Under Chicago	5 7/8	2 5/8			2 1/2		
		5 1/4			3/4		

H-highest; L-lowest; a-lowest; b-bid; n-nominal; =(equal sign)-split.

(1) Duran Prices. (2) See note last page of this report.

Table 7. CORN: Daily volume of trading (Sales),
Chicago Board of Trade, during May, 1932.

(In thousands of bushels, i.e., "000" omitted)

Date	F U T U R E				All Corn Futures
	May	July	Sept.	Dec.	
May, 1932					
Sunday					
2	2,779 H	3,886	1,146	306	8,117
3	1,926	4,549	1,852 H	571	8,898
4	1,973	5,079 H	1,471	613	9,136 H
5	317	3,857	1,552	622 H	6,348
6	319	3,554	1,701	389	5,963
7	128	2,272	694	307	3,401
Sunday					
9	38	2,009	881	240	3,168
10	81	994 L	368 L	120 L	1,563 L
11	177	3,042	751	367	4,337
12	322	3,314	887	348	4,871
13	145	2,299	599	288	3,331
14	210	2,321	771	334	3,636
Sunday					
16	194	2,149	871	345	3,559
17	41	2,263	999	475	3,778
18	207	2,715	866	443	4,231
19	88	1,693	616	326	2,723
20	27	1,886	711	229	2,853
21	55	1,096	460	194	1,805
Sunday					
23	30	2,605	1,262	540	4,437
24	59	1,831	914	326	3,130
25	11 L	1,618	713	583	2,925
26	66	1,969	876	329	3,240
27	30	1,034	409	129	1,602
28	72	1,234	389	133	1,828
Sunday					
Holiday					
31	393	2,410	1,184	547	4,534
Total, May, 1932	9,688	61,679	22,943	9,104	103,414
Total, April, 1932	96,599	69,478	24,505	1,833	192,415
Total, May, 1931	16,135	178,336	84,675	38,021	317,167

H-highest; L-lowest.

Table 8. CORN: Daily volume of trading (sales),
all futures combined at Chicago and
Kansas City, during May, 1932.

(In thousands of bushels, i.e., "000" omitted)

Date	Chicago Board of Trade	Kansas City Board of Trade	Total
May, 1932			
Sunday			
2	8,117	332 H	8,449
3	8,898	213	9,111
4	9,136 H	98	9,234 H
5	6,348	126	6,474
6	5,963	97	6,060
7	3,401	82	3,483
Sunday			
9	3,168	60	3,228
10	1,563 L	69	1,632 L
11	4,337	89	4,426
12	4,871	65	4,936
13	3,331	93	3,424
14	3,636	219	3,855
Sunday			
16	3,559	34	3,593
17	3,778	97	3,875
18	4,231	210	4,441
19	2,723	134	2,857
20	2,853	21 L	2,874
21	1,805	62	1,867
Sunday			
23	4,437	79	4,516
24	3,130	52	3,182
25	2,925	159	3,084
26	3,240	184	3,424
27	1,602	115	1,717
28	1,828	53	1,881
Sunday			
Holiday			
31	4,534	117	4,651
Total,			
May, 1932	103,414	2,860	106,274
Total,			
April, 1932	192,415	5,767	198,182
Total,			
May, 1931	317,167	17,079	334,246

H-highest; L-lowest.

Table 9. CORN: Daily open commitments of Clearing Members,
Chicago Board of Trade, during May, 1932.

(In thousands of bushels, i.e., "000" omitted)

Date	F U T U R E				All Corn Futures
	May	July	Sept.	Dec.	
May, 1932					
Sunday					
2	2,137 H	18,156	10,299 L	975 L	31,567
3	1,333	18,432	10,536	1,127	31,428
4	867	18,750 H	10,617	1,250	31,484
5	718	18,503	10,558	1,320	31,099
6	562	18,564	10,643	1,382	31,151
7	469	18,489	10,696	1,406	31,060
Sunday					
9	431	18,465	10,989	1,484	31,369
10	409	18,507	11,024	1,541	31,481
11	395	18,393	11,075	1,614	31,477
12	475	18,156	11,269	1,629	31,529
13	400	18,180	11,252	1,655	31,487
14	376	18,152	11,264	1,665	31,457
Sunday					
16	332	17,836	11,432	1,759	31,359
17	317	17,663	11,357	1,798	31,135
18	300	17,342	11,401	1,948	30,991
19	288	17,295	11,385	1,942	30,910 L
20	263	17,451	11,322	2,004	31,040
21	274	17,452	11,296	2,073	31,095
Sunday					
23	244	17,475	11,389	2,046	31,154
24	248	17,275	11,532	2,008	31,063
25	200	17,112	11,694	2,252	31,258
26	185	17,063	11,988	2,400	31,636
27	159	17,192	12,083	2,354	31,788 H
28	170	16,992	11,996	2,360	31,518
Sunday					
Holiday					
31	0 L	16,895 L	12,166 H	2,469 H	31,530
Average					
May, 1932	462	17,832	11,251	1,778	31,323
Average					
April, 1932	19,772	15,311	6,127	562	41,341
Average					
May, 1931	4,637	19,669	12,119	5,647	42,073

H-highest; L-lowest.

Table 10. CORN: Daily open commitments of Clearing Members,
all futures combined at Chicago and Kansas City,
During May, 1932.

(In thousands of bushels, i.e., "000" omitted)

Date	Chicago Board of Trade	Kansas City Board of Trade	Total
May, 1932			
Sunday			
2	31,567	1,973	33,540 H
3	31,428	1,912	33,340
4	31,484	1,929	33,413
5	31,099	1,926	33,025
6	31,151	1,945	33,096
7	31,060	1,946	33,006
Sunday			
9	31,369	1,961	33,330
10	31,481	1,994	33,475
11	31,477	2,003 H	33,480
12	31,529	1,986	33,515
13	31,487	1,950	33,437
14	31,457	1,934	33,391
Sunday			
16	31,359	1,919	33,278
17	31,135	1,881	33,016
18	30,991	1,781	32,772
19	30,910 L	1,682	32,592 L
20	31,040	1,645	32,685
21	31,095	1,629	32,724
Sunday			
23	31,154	1,658	32,792
24	31,063	1,648	32,711
25	31,258	1,611	32,869
26	31,636	1,582	33,218
27	31,788 H	1,520	33,308
28	31,518	1,369 L	32,887
Sunday			
Holiday			
31	31,530	1,478	33,008
Average, May, 1932	31,323	1,794	35,116
Average, April, 1932	41,341	2,257	43,598
Average, May, 1931	42,073	3,368	45,441

H-highest; L-lowest.

Table 11. CORN: Daily high, low and closing prices of various futures, Chicago Board of Trade during May, 1932.

(In cents per bushel)

Date	F U T U R E S					
	M A Y			J U L Y		
	High	Low	Closing	High	Low	Closing
May, 1932						
Sunday						
2	29 3/4=	28 3/4	28 3/4-7/8	33 1/4	32 1/2	32 1/2-1/2=
3	28 7/8	27 7/8	28-27 7/8	32 1/2=	31 3/8	31 3/8-1/2
4	28 5/8	27 7/8	28 1/2	31 3/4	30 3/4	31 1/2--5/8
5	29=	27 5/8=	L 29	32 1/4	30 5/8 L	32 1/8-32=
6	30	28 3/4	30	33 1/8	31 3/4=	33-33 1/8
7	29 3/4	29 1/8	29 1/4	33 1/8	32 3/8	32 1/2
Sunday						
9	29 3/8=	29 1/8=	29 1/4	32 7/8	32 1/8	32 3/8-1/2
10	29 1/2=	29 1/4	29 1/4	32 3/4	32 3/8	32 1/2-5/8
11	30 3/8	29 3/4	29 7/8 a	33 5/8	32 7/8	33 1/8-33
12	29 3/4	29	29	32 7/8	32=	32 1/4-1/8
13	29 3/8	28 7/8	29 5/8	32 5/8	31 7/8	32 3/8
14	29 5/8	29	29 5/8	32 3/8	31 7/8	32-32 1/8
Sunday						
16	30 1/4	29 1/2	30 1/4	32 3/4	32	32 5/8-3/4
17	30 3/4	30 1/2	30 1/2 a	33 1/4	32 1/2=	32 3/4=
18	31	30 3/8=	30 3/8= a	33 1/4	32 1/2	32 1/2-5/8
19	30 1/2	30 1/8	30 3/8 a	32 3/4	32 3/8	32 1/2--5/8
20	30 7/8	30 3/8	30 3/4	33 1/4	32 3/4	33--33
21	31	30 1/2	31 b	33 3/8	32 7/8	33 1/4-3/8
Sunday						
23	32 H	31	31 1/2	33 7/8 H	33 1/8	33 5/4--3/4
24	31 3/4	31=	31 1/4	33 5/8	32 5/8	32 3/4
25	31	30 7/8	30 7/8 a	32 3/4	32 1/4	32 5/8
26	31	30 1/4	30 1/4	32 1/2	31 7/8	32 1/4-3/8
27	30 3/4	30 1/4=	30 3/8	32 1/2	32	32 1/8-32=
28	30 1/4	30	30 b	32 1/4	31 7/8	31 7/8-32
Sunday						
Holiday						
31	29 5/8	29	29	31 5/8	30 3/4	30 7/8-3/4
Range, May, 1932		4 1/4			3 1/4	
Net change (adv.		None				
Since 4/30/32 (Dec.						2 1/4
Highest for future,	53 1/4				55	
Date	Nov. 9, 1931				Nov. 7 & 9, 1931	
Lowest for future,	27 5/8=				30 5/8	
Date	May 5, 1932				May 5, 1932	

H-highest; L-lowest; a-asked; b-bid; =(equal sign)-split.

Table 12. CORN: Daily closing prices of the May future at Chicago and Kansas City, and the July future at Buenos Aires, during May, 1932.

(In cents per bushel)

Date	Chicago	Kansas City	Buenos Aires
May, 1932			
Sunday			
2	28 3/4-7/8	30 1/2 a	
3	28-27 7/8 L	30 1/8 a	
4	28 1/2	29 5/8 b L	
5	29	30 5/8 b	
6	30	31 5/8 b	
7	29 1/4	31 1/2= a	
Sunday			
9	29 1/4	31 5/8= a	
10	29 1/4	No quot.	30 1/2
11	29 7/8 a	31 5/8= a	30 3/4
12	29	30 1/2 b	30 1/2
13	29 3/8	No quot.	30 3/4
14	29 5/8	30 3/4	30 5/8
Sunday			
16	30 1/4	No quot.	30 1/4
17	30 1/2 a	32 b	30 L
18	30 3/8= a	32 1/4 a	30 1/8
19	30 3/8 a	32 1/4 a	30 5/8
20	30 3/4	No quot.	30 5/8
21	31 b	No quot.	30 3/8
Sunday			
23	31 1/2 H	32 1/2= b H	30 1/2
24	31 1/4	32 a	30 3/4 H
25	30 7/8 a	31 5/4	Holiday
26	30 1/4	30 3/4 a	Holiday
27	30 3/8	30 5/8 a	Holiday
28	30 b	No quot.	Holiday
Sunday			
30	Holiday	Holiday	30 3/8
31	29	No quot.	30 1/2
Range, May, 1932	3 5/8	2 7/8	3/4
Net change (Advance Since 4/30/32 (Decline	None	1/4	None
Average Spread (Over Chicago (Under Chicago		1 5/8	---

H-highest; L-lowest; a-asked; b-bid; =(equal sign)- split.

Table 13. OATS: Daily volume of trading (sales),
all futures combined at Chicago and
Minneapolis, during May, 1932.

(In thousands of bushels, i.e., "000" omitted)

Date	Chicago Board of Trade	Minneapolis Chamber of Commerce	Total
May, 1932			
Sunday			
2	1,486	148	1,634 H
3	1,141	295 H	1,436
4	862	199	1,061
5	1,046	63	1,109
6	635	90	725
7	599	18 L	617
Sunday			
9	352	39	391
10	318	56	374
11	549	85	634
12	448	48	496
13	307 L	24	331 L
14	611	96	707
Sunday			
16	505	87	592
17	596	109	705
18	614	67	681
19	448	45	493
20	650	28	678
21	592	89	681
Sunday			
23	894	125	1,019
24	780	53	833
25	554	38	592
26	487	21	508
27	452	33	485
28	371	25	396
Sunday			
Holiday			
31	1,549 H	41	1,590
Total,			
May, 1932	16,846	1,922	18,768
Total,			
April, 1932	28,479	6,167	34,646
Total,			
May, 1931	27,056	2,670	29,726

H-highest; L-lowest.

Table 14. OATS: Daily open commitments of Clearing Members,
all futures combined at Chicago and Minneapolis,
during May, 1932.

(In thousands of bushels, i.e., "000" omitted)

Date	Chicago Board of Trade	Minneapolis Chamber of Commerce	Total
May, 1932.			
Sunday			
2	12,390 H	2,106 H	14,496 H
3	12,335	2,055	14,390
4	12,276	2,020	14,296
5	11,807	1,992	13,799
6	11,695	1,989	13,684
7	11,633	1,982	13,615
Sunday			
9	11,633	1,978	13,611
10	11,554	1,976	13,530
11	11,366	1,986	13,352
12	11,346	1,992	13,338
13	11,386	1,995	13,381
14	11,334	2,017	13,351
Sunday			
16	11,293	2,024	13,317
17	11,222	2,028	13,250
18	11,035	2,022	13,057
19	10,905	2,028	12,933
20	10,905	2,030	12,935
21	10,865	2,041	12,906
Sunday			
23	10,882	1,928	12,810
24	10,843	1,918	12,761
25	10,653	1,919	12,572
26	10,685	1,915	12,600
27	10,694	1,910	12,604
28	10,548	1,897	12,445
Sunday			
Holiday			
31	10,089 L	1,874 L	11,963 L
Average,			
May, 1932	11,255	1,985	13,240
Average,			
April, 1932	16,302	2,103	18,405
Average,			
May, 1931	14,456	2,437	16,893

H- highest; L-lowest.

Table 15. OATS: Daily closing prices of the May Future at Chicago, Minneapolis, and Winnipeg, during May, 1932.

(In cents per bushel)

Date	Chicago	Minneapolis	Winnipeg (1)
May, 1932			
Sunday			
2	21 3/4 b L	21 1/8= a L	31 3/8=
3	22 3/8 a	21 1/2 b	30 3/8= b
4	22 5/8 b	21 1/2 b	30 7/8=
5	22 3/4	21 3/4 b	30 1/2
6	23 1/2	22 1/2 a H	30 7/8
7	23 1/8	22 a	30 3/8 b
Sunday			
9	23 1/8	22 n	Holiday
10	23 1/4	No quot.	30 5/8= b
11	23 5/8	22 3/8 b	31 3/4= b
12	23 1/8 b	22 b	30 1/4=
13	23 1/8 b	22 n	31 b
14	22 3/4	21 7/8	31= b
Sunday			
16	23 1/8 b	21 3/4 a	32
17	23 3/8 b	21 3/4 b	32 3/8= b
18	23 1/8	21 7/8 n	32 3/8=
19	22 3/4	21 1/2 n	32 5/8= b
20	23 1/8	21 7/8 n	33 5/8 b H
21	22 5/8-5/8=	22 1/8 n	32 7/8
Sunday			
23	23 1/4 b	22 1/8 n	32 3/8 b
24	22 5/8= b	22 3/8 n	Holiday
25	22 1/2= b	22 n	32 1/8= b
26	22 1/4= b	22 1/4 n	32 1/4
27	22 1/2 a	22 1/8 n	31 7/8 b
28	22 5/8	22 3/8 n	30 3/8=
Sunday			
Holiday			Holiday in U.S.
31	23 3/4-7/8 H	22 n	29 1/2 L
Range, May, 1932	2 1/8	1 1/4	4 1/8
Net change (advance	2 1/4	1 1/4	
Since 4/30/32 (Decline			2 1/2
Average Spread (Over Chicago			8 5/8
(Under Chicago		7/8	

H-highest; L-lowest; a-asked; b-bid; n-nominal; =(equal sign)-split.

(1) See note on 1st page of this report.

Table 16. RYE, BARLEY and FLAX: Daily volume of trading (sales),
all futures combined at certain specified markets,
during May, 1932.

(In thousands of bushels, i.e., "000" omitted.)

Date	RYE		BARLEY		FLAX	
	Chicago	Minneapolis	Minneapolis	Minneapolis	Duluth	
May, 1932			:		:	
Sunday			:		:	
2	2,392 H	271	:	17	:	16
3	1,456	413 H	:	88	:	79 H
4	1,080	263	:	146 H	:	26
5	545	95	:	69	:	29
6	1,088	60	:	17	:	13
7	549	38	:	26	:	14
Sunday			:		:	
9	375	35	:	38	:	25
10	395	87	:	52	:	24
11	698	132	:	28	:	36
12	842	156	:	19	:	46
13	503	58	:	14	:	35
14	515	52	:	24	:	48
Sunday			:		:	
16	386	50	:	21	:	12
17	517	103	:	87	:	33
18	700	41	:	31	:	10 L
19	930	25 L	:	10	:	20
20	423	48	:	18	:	12
21	311	45	:	5 L	:	13
Sunday			:		:	
23	563	69	:	15	:	28
24	501	28	:	17	:	51
25	349	85	:	12	:	74
26	751	40	:	9	:	28
27	288	34	:	98	:	51
28	186 L	48	:	12	:	36
Sunday			:		:	
Holiday			:		:	
31	561	49	:	40	:	29
Total,			:		:	
May, 1932	16,884	2,325	:	913	:	768
Total,			:		:	
April, 1932	28,020	6,689	:	2,740	:	646
Total,			:		:	
May, 1931	29,203	5,581	:	2,554	:	644

H-highest; L-lowest.

Table 17. RYE, BARLEY, and FLAX: Daily open commitments of Clearing Members, all futures combined at certain specified markets, during May, 1932.

(In thousands of bushels, i.e., "000" omitted)

Date	R Y E		BARLEY	FLAX
	Chicago	Minneapolis		
May, 1932				
Sunday				
2	7,324	2,338 H	1,207 H	356 H
3	7,261	2,261	1,195	315
4	7,268	2,227	1,168	314
5	7,257	2,235	1,153	314
6	7,276	2,236	1,150	313
7	7,118 L	2,193	1,154	317
Sunday				
9	7,131	2,183	1,142	316
10	7,191	2,163	1,141	306
11	7,284	2,160	1,132	303
12	7,406	2,167	1,130	304
13	7,492	2,150	1,130	306
14	7,546	2,156	1,117	320
Sunday				
16	7,515	2,158	1,072	324
17	7,523	2,165	1,074	324
18	7,501	2,155	1,071	325
19	7,649	2,153	1,069	310
20	7,743	2,166	973	312
21	7,763	2,154	974	313
Sunday				
23	7,824	2,142	976	311
24	7,866	2,136	980	306
25	7,898	2,098	983	303
26	7,890	2,094	956	271
27	7,918	2,093	954	275
28	7,897	2,080	905	240
Sunday				
Holiday				
31	7,924 H	2,075 L	860 L	205 L
Average,				
May, 1932	7,539	2,166	1,066	304
Average,				
April, 1932	9,373	2,571	1,340	344
Average,				
May, 1931	10,256	4,381	2,965	289

H-highest; L-lowest.

Table 18. RYE, BARLEY and FLAX: Daily closing prices of the May future at Chicago, Minneapolis, and Duluth, during May, 1932.
(In cents per bushel)

Date	Chicago				Minneapolis				Winnipeg (1)				Duluth				X				
	R	Y	E	W	3	A	R	L	E	Y	3	A	R	L	E	Y	3	A	X	Winnipeg (1)	
May, 1932																					
Sunday																					
2	36	1/8	35	3/4 a	36	3/4 b	36	1/2 a	H	36 a	36	a	36	a	36	a	130	a	78= b	H	
3	35	a	33	3/4 a	35	5/8= b	35	5/4 a	35	5/8 a	35	b	35	1/2 b	35	1/2= b	127		72 7/8= b		
4	35	3/4 a	34	1/4 b	36	5/8= b	35	1/2 b	35	1/2 b	35	1/2= b	35	3/4 b	34	3/4 b	126	3/4 b	75 3/8 b		
5	35	7/8 b	34	1/8 b	36= b		34	1/4 a	36	1/8= b	34	3/4 b	34	3/4 b	34	3/4 b	124	3/4 b	75 3/4 b		
6	38	3/8	36		37	5/8= b	34	7/8 a	34	7/8 a	34	3/4 b	34	3/4 b	34	3/4 b	126	1/2 b	76 1/8 b		
7	38	a	35	3/4 a	37	5/8=	34	1/8 a	35	1/2= b	35	1/2= b	35	1/2= b	35	1/2= b	129	3/4 b	76 1/2= b		
Sunday																					
9	37	7/8 a	36	a	37	7/8=	34	a	35	1/2= b	35	1/2= b	35	1/2= b	35	1/2= b	133	1/8 a	H	Bd. closed	
10	38	1/2 b	36	3/4 a	38	3/8=	33	3/4 a	36	7/8	36	7/8	35	7/8= b	36	7/8	132		76 1/2		
11	39	1/2 a	H	37	7/8 a	38	3/8=	33	3/4 a	36	1/8= b	35	7/8= b	36	1/2 b	35	1/2 b	131	1/2 b	77 1/8 b	
12	38	1/2 b	36	3/4 a	36	1/8=	32	3/4 a	32	3/4 a	33	3/4 a	33	3/4 a	33	3/4 a	128	b	73 b		
13	37	7/8 a	36	3/4 n	36	3/8 b	36	3/8 b	33	3/8 b	35	3/4= b	35	3/4= b	35	3/4= b	126	a	73 1/2= b		
14	36	5/8 a	35	3/4	35	3/4= b	35	1/8	32	1/8	35	3/4= b	35	3/4= b	35	3/4= b	120	1/2 b	73 b		
Sunday																					
16	37	3/4	36	7/8 n	36	7/8 b	36	7/8	32	1/2	35	5/8 b	35	5/8 b	35	5/8 b	118	1/2 a	73 5/8= b		
17	No quot.	36	a	37= b	36	a	36	1/8=	33	b	35	3/4 b	35	3/4 b	35	3/4 b	119	1/2	73 1/4= b		
18	36	3/8 a	35	3/8 a	35	1/2 n	35	7/8= b	32	3/4 b	35	7/8 b	33	a	33	a	120	a	72 1/8 b		
19	37	1/8	35	1/2 n	35	7/8= b	35	7/8= b	33	a	35	3/4=	35	3/4=	36= b	36= b	119	1/2 b	72 3/8 b		
20	38	b	36	3/8 a	36	3/8 b	36	3/8 b	34		36	1/2	34	1/2	35	1/2	120	1/2 a	73 5/8 b		
21	38	5/8 b	36	7/8 n	36	7/8	36	7/8	34	1/2	35	1/2= b	35	1/2= b	35	1/2= b	123	b	73 1/2 b		
Sunday																					
23	39	1/4 b	37	1/2 n	36	3/4= b	33	a	35	1/2	35	1/8= b	35	1/8= b	35	1/8= b	121	a	73 3/4= b		
24	37	1/2 a	35	5/8 a	35	1/4 a	36	1/2 b	34	1/8 b	35	7/8= b	34	1/2	35	7/8= b	117	3/4 b	Holiday		
25	No quot.	35	1/4 a	34	1/2	36=	34	1/2	34	1/4 n	36	1/4 n	36	1/4 n	36	1/4 n	117	1/2 a	74= b		
26	37	1/4	34	1/2	37	1/8 a	37	1/8 a	34	3/8 n	36	7/8 a	35	7/8 a	35	7/8 a	117	1/4 a	72 3/4= b		
27	37	1/8 a	34	3/8 n	36	3/8 a	36	1/8 n	34	1/8 n	35	5/8 a	35	5/8 a	35	5/8 a	116	1/2 a	72 7/8= b		
28	36	3/8 a	34	1/8 n	35	5/8	35	5/8	33	7/8 a	35	5/8 b	35	5/8 b	35	5/8 b	124	b	73 7/8 b		
Sunday																					
Holiday																					
31	35	1/8	33	1/2 a	L	33	3/4 b	L	4	3/4	5	1/2	34	1/2	L	34	1/2	L	117	U.S.	
Range, May, 1932	4 1/2	4 3/8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	71 3/4= b	U.S.	
Net change (Advance)	1 5/8																		6 1/4		
Since 4/30/32 (Decline)																					
Average Spread (Over Chicago)																					

H-Highest; L-lowest; a-asked; b-bid; n-nominal; = (equal sign)-solt. (1) See note last page of this report.

Table 19. ALL GRAINS: Daily volume of trading (sales),
all futures combined at four principal markets,
during May, 1932.

(In thousands of bushels, i.e., "000" omitted)

Date	Chicago Board of Trade	Minneapolis Chamber of Commerce	Kansas City Board of Trade	Duluth Board of Trade	Total
May, 1932					
Sunday					
2	40,255	1,432	2,099	192	43,978
3	53,603 H	1,839 H	2,598	360	58,400 H
4	41,005	1,660	1,873	453	44,991
5	34,694	1,421	1,598	503 H	38,216
6	43,517	1,197	2,125	159	46,998
7	23,617	596	936	63 L	25,212
Sunday					
9	16,877	1,159	628 L	254	18,918
10	14,532 L	1,641	1,074	247	17,494 L
11	37,300	1,427	2,623	150	41,500
12	34,814	1,207	5,902 H	114	42,037
13	19,373	1,265	1,575	144	22,357
14	25,524	984	1,870	97	28,475
Sunday					
16	32,176	1,325	4,225	136	37,862
17	37,589	1,141	3,003	127	41,860
18	31,519	1,013	2,828	70	35,430
19	19,447	973	2,173	176	22,769
20	32,244	1,039	3,056	181	36,520
21	29,603	755	2,458	179	32,995
Sunday					
23	49,328	1,433	4,805	311	55,877
24	38,859	1,206	4,287	153	44,505
25	34,687	821	2,541	139	38,188
26	38,510	852	2,671	142	42,175
27	24,652	651	1,907	188	27,398
28	15,368	499 L	1,484	186	17,537
Sunday					
Holiday					
31	37,333	1,037	2,083	134	40,587
Total					
	806,426	28,573	62,422	4,858	902,279
Average					
	32,257	1,143	2,497	194	36,091

H-highest; L-lowest

Table 20. WHEAT, CORN, OATS, RYE, BARLEY and FLAX: Total volume of trading (sales), at all contract markets during May, 1932.

(In thousands of bushels, i.e., "000" omitted)

Table 21. WHEAT and CORN: Maximum open commitments of clearing members, Chicago Board of Trade, with dates maximum was reached during life of each future.

(In thousands of bushels, i. e., "000" omitted)

WHEAT			CORN		
Future	Maximum	Date	Future	Maximum	Date
1924 May	76,973	Jan. 3, 1924	1924 May	49,683	Mar. 6, 1924
1925 "	107,472	Dec. 9, 1924	1925 "	51,527	Dec. 15, 1924
1926 "	94,694*	Dec. 31, 1925	1926 "	43,594	Feb. 16, 1926
1927 "	79,001	Dec. 14, 1926	1927 "	64,777	Feb. 4, 1927
1928 "	57,543	Jan. 18, 1928	1928 "	73,819	Feb. 29, 1928
1929 "	112,671	Dec. 31, 1928	1929 "	58,197	Feb. 28, 1929
1930 "	162,892	Jan. 17, 1930	1930 "	29,655	Feb. 21, 1930
1931 "	118,031*	Dec. 17, 1930	1931 "	42,487*	Jan. 22, 1931
1932 "	98,802	Nov. 20, 1931	1932 "	29,785	Mar. 18, 1932
Average Max.	100,898		Average Max.	49,280	
:					
1924 July	40,645	May 12, 1924	1924 July	30,448	May 17, 1924
1925 "	54,161	May 23, 1925	1925 "	31,933	Mar. 13, 1925
1926 "	54,724	June 3, 1926	1926 "	35,440	May 29, 1926
1927 "	41,842	May 23, 1927	1927 "	47,235	May 17, 1927
1928 "	71,317	Apr. 30, 1928	1928 "	56,958	May 2, 1928
1929 "	77,098	May 7, 1929	1929 "	36,971	May 6, 1929
1930 "	66,173	May 15, 1930	1930 "	26,442	May 2, 1930
1931 "	37,171	Mar. 27, 1931	1931 "	21,101	June 5, 1931
Average Max.	55,391		Average Max.	35,816	
:					
1924 Sept.	54,081	July 10, 1924	1924 Sept.	22,036	June 2, 1924
1925 "	48,737	June 20, 1925	1925 "	27,589	July 15, 1925
1926 "	52,170	Aug. 4, 1926	1926 "	35,512	July 9, 1926
1927 "	53,028	Aug. 4, 1927	1927 "	66,837	July 2, 1927
1928 "	61,951	July 5, 1928	1928 "	39,068	Aug. 6, 1928
1929 "	97,098	July 18, 1929	1929 "	26,148	July 13, 1929
1930 "	69,183	July 28, 1930	1930 "	19,549	July 8, 1930
1931 "	44,786	July 21, 1931	1931 "	16,531	July 31, 1931
Average Max.	60,129		Average Max.	31,634	
:					
1923 Dec.	61,886	Sept. 18, 1923	1923 Dec.	28,686	Nov. 6, 1923
1924 "	75,381	Sept. 10, 1924	1924 "	53,032	Oct. 2, 1924
1925 "	66,616*	Sept. 23, 1925	1925 "	34,345	Nov. 6, 1925
1926 "	69,627	Sept. 10, 1926	1926 "	35,186	Sept. 28, 1926
1927 "	67,534	Sept. 17, 1927	1927 "	51,568	Sept. 15, 1927
1928 "	86,240	Sept. 19, 1928	1928 "	62,603	Nov. 1, 1928
1929 "	162,988	Sept. 17, 1929	1929 "	31,163	Sept. 13, 1929
1930 "	109,256*	Sept. 17, 1930	1930 "	32,219	Aug. 29, 1930
1931 "	48,179	Sept. 1, 1931	1931 "	20,765	Sept. 23, 1931
Average Max.	83,079		Average Max.	36,619	
:					
1928 March	16,879	Dec. 12, 1927	1928 March	23,574	Dec. 19, 1927
1929 "	14,398	Jan. 4, 1929	1929 "	19,114	Dec. 31, 1928
1930 "	19,713	Dec. 21, 1929	1930 "	7,250	Jan. 7, 1930
1931 "	18,112*	Nov. 13, 1930	1931 "	8,383*	Nov. 12, 1930
1932 "	2,667	Nov. 27, 1931	1932 "	2,041	Dec. 21, 1931
Average Max.	14,354		Average Max.	12,072	

*Old and new style traded in during life of the future.

Note: Because of the wide fluctuations in foreign exchange, which began September 21, 1931, and are still continuing, the Liverpool prices are calculated from the closing price of the pound sterling on the money exchange and the closing price of Liverpool futures on the grain exchange, while the Winnipeg prices are calculated from the closing price on the Winnipeg grain exchange and the discounts on Canadian currency as used by the Continental-Illinois Bank & Trust Co.

The following tables show the reported high, low and closing quotations on the pound sterling, together with the high, low and closing per cent discounts applied to Canadian currency:

	<u>Pound Sterling</u>			: <u>High</u> : <u>Per Cent</u>	<u>Canadian Currency</u>		
	<u>High</u>	<u>Low</u>	<u>Closing</u>		<u>Low</u> Per Cent	<u>Closing</u> Per Cent	
1932	:	:	:	:			
May 2	\$3.66 1/2	\$3.65 3/4	\$3.66	: 10 3/4	10 3/8	10 9/16	
3	3.66 3/4	3.66	3.66	: 10 13/16	10 1/2	10 3/4	
4	3.67 1/2	3.67	3.67 1/8	: 10 3/4	10 3/8	10 9/16	
5	3.67 1/2	3.67	3.67	: 10 1/2	10 1/4	10 3/8	
6	3.69	3.66 1/2	3.67 3/8	: 10 5/8	10 1/4	10 9/16	
7	3.67 1/2	3.67 1/8	3.67 1/4	: 10 7/8	10 3/8	10 3/4	
9	3.68 1/2	3.68	3.68 1/4	: 10 7/8	10 11/16	10 3/4	
10	3.68	3.67 1/2	3.67 1/2	: 11 1/8	10 3/4	11 1/16	
11	3.67 3/4	3.67 3/8	3.67 1/2	: 11 7/16	10 7/8	11 3/8	
12	3.67 5/8	3.66 1/2	3.66 7/8	: 11 3/4	11 1/4	11 1/2	
13	3.66	3.65 1/8	3.65 1/8	: 11 11/16	11 1/4	11 1/2	
14	3.66	3.65 1/4	3.65 3/4	: 11 3/8	10 7/8	11	
16	3.68	3.66	3.66 7/8	: 11 1/4	11	11 3/16	
17	3.66 3/4	3.65 7/8	3.66 1/4	: 11 1/2	11 1/4	11 7/16	
18	3.68 3/4	3.67	3.68 1/2	: 11 13/16	11 3/8	11 5/4	
19	3.68 3/4	3.67 1/2	3.67 1/2	: 12 1/8	11 3/4	11 7/8	
20	3.67 3/4	3.67 1/4	3.67 1/4	: 12 5/8	11 7/8	12 3/8	
21	3.67 3/4	3.67 1/4	3.67 1/4	: 13 3/8	12 5/8	13 1/4	
23	3.68	3.67 1/2	3.67 1/2	: 13 1/2	13	13 1/8	
24	3.68 3/4	3.68	3.68 1/4	: 13 1/4	12 3/4	13	
25	3.69 5/8	3.68 3/4	3.69 1/4	: 13	12 1/4	12 3/8	
26	3.69 1/2	3.68 1/2	3.68 1/2	: 12 1/4	11 11/16	12	
27	3.69 1/2	3.68 3/8	3.69 1/8	: 12 3/8	11 15/16	12 1/8	
28	3.72 1/2	3.69 1/2	3.71 3/4	: 11 11/16	11 1/2	11 1/2	
31	3.69 3/4	3.68 5/8	3.68 3/4	: 12 1/8	11 5/8	12	

